

CLAIMS

I claim:

1. A fire extinguisher actuating and refuse container combination device, said device being adapted for removably coupling to a fire extinguisher, said device comprising:

- a container having a bottom wall and a peripheral wall being attached to and extending upwardly from said bottom wall, said peripheral wall having an upper edge;
- a mounting being attached to an outer surface of said peripheral wall for removably mounting the fire extinguisher to the container;
- a valve actuating assembly being removably coupled to said extinguisher, said valve actuating assembly being adapted for actuating a valve of the fire extinguisher and directing pressurized fire extinguishing composition therein into said container when smoke is detected within said container or a temperature of greater than 50°C is detected.

2. The device of claim 1, wherein said valve actuating assembly includes a cover being removably being positioned over the valve, a loop member having an upper side, a lower side, an inner side and an outer side, said loop member having an interior channel therein extending along a length of said loop member, said inner side having a plurality of apertures therein extending into said channel, each of said apertures being angled downwardly into said container when said upper edge is positioned within said slot, an arm assembly being attached to and extending away from said outer side of said loop member, said arm assembly being pivotally coupled to said cover, said interior channel extending through said arm assembly and being in fluid connection with an interior of said cover.

3. The device of claim 2, wherein said lower side of said loop member has a slot therein extending along said inner side, said loop member having a shape substantially identical to said upper edge such that said upper edge may be selectively inserted into said slot, said channel being positioned between said inner side and said slot.

4. The device of claim 3, further including a heat sensor being mounted on said inner side of said loop member and being adapted for detecting a temperature greater than 50°C, a smoke detector being mounted on said inner side of said loop member.

5. The device of claim 4, further including an actuator being mounted in said cover and being adapted for selectively opening said valve, said actuator being electrically coupled to said heat sensor and said smoke detector for opening said valve when said heat sensor detects a temperature greater than 50°C or said smoke detector detects smoke.

6. The device of claim 2, further including a heat sensor being mounted on said inner side of said loop member and being adapted for detecting a temperature greater than 50°C, a smoke detector being mounted on said inner side of said loop member.

7. The device of claim 6, further including an actuator being mounted in said cover and being adapted for selectively opening said valve, said actuator being electrically coupled to said heat sensor and said smoke detector for opening said valve when said heat sensor detects a temperature greater than 50°C or said smoke detector detects smoke.

8. A fire extinguisher actuating and refuse container combination device, said device being adapted for removably coupling to a fire extinguisher, said device comprising:

- a container having a bottom wall and a peripheral wall being attached to and extending upwardly from said bottom wall, said peripheral wall having an upper edge;
- a mounting being attached to an outer surface of said peripheral wall for removably mounting the fire extinguisher to the container;
- a valve actuating assembly being removably coupled to said extinguisher, said valve actuating assembly being adapted for actuating a valve of the fire extinguisher and directing pressurized fire extinguishing composition therein into said container when smoke is detected within said container or a temperature of greater than 50°C is detected, said valve actuating assembly including;
- a cover being removably being positioned over the valve;
- a loop member having an upper side, a lower side, an inner side and an outer side, said lower side having a slot therein extending along said inner side, said loop member having a shape substantially identical to said upper edge such that said upper edge may be selectively inserted into said slot, said loop member having an interior channel therein extending along a length of said loop member and being positioned between said inner side and said slot, said inner side having a plurality of apertures therein extending into said channel, each of said apertures being angled downwardly into said container when said upper edge is positioned within said slot;

an arm assembly being attached to and extending away from
said outer side of said loop member, said arm assembly
being pivotally coupled to said cover, said interior
channel extending through said arm assembly and being
in fluid connection with an interior of said cover;
a heat sensor being mounted on said inner side of said loop
member and being adapted for detecting a temperature
greater than 50°C;
a smoke detector being mounted on said inner side of said
loop member; and
an actuator being mounted in said cover and being adapted for
selectively opening said valve, said actuator being
electrically coupled to said heat sensor and said smoke
detector for opening said valve when said heat sensor
detects a temperature greater than 50°C or said smoke
detector detects smoke.